

Lake County Stormwater Management Commission

2015 Center for Watershed Protection Webcast Series

Bring your lunch and learn something.

February 18, 2015 12 noon - 2 p.m.

Lake County Central Permit Facility, 500 W. Winchester Rd., 2nd FL, Libertyville

Using Illicit Discharge Programs to Monitor Bacteria

Nationally, bacteria is the leading impairment, especially for urban streams. Bacteria TMDLs are widespread, and it is challenging to track the sources of these impairments. Illicit Discharge Detection and Elimination (IDDE) is one of the six minimum measures for MS4s. Programs around the country are exploring methods to retool IDDE programs to monitor for, detect, and track bacteria sources. This webcast will feature common-sense and economical approaches for IDDE-based bacteria monitoring, featuring several successful case studies.

March 18, 2015 12 noon - 2 p.m.

Gurnee Police Facility, 100 N. O'Plaine Rd., Gurnee (park/enter back of building)

The Runoff Reduction Method and Its Applications

Reducing the volume of runoff has become an important stormwater management objective, as it is embedded in the philosophies of green infrastructure and low-impact development. In many states, revised stormwater standards either require some level of runoff reduction or provide strong incentives for runoff reduction practices. The Center for Watershed Protection first worked with Virginia on the Runoff Reduction Method in 2008. Since that time, permutations of the method have been incorporated into stormwater standards in West Virginia, Washington D.C., Delaware, Coastal Georgia, South Carolina, New York, as well as several local stormwater manuals. This webcast will explain the method, describe the accounting of runoff reduction capabilities by various stormwater practices, and provide examples of compliance and site planning tools used in various states.

May 20, 2015 12 noon - 2 p.m.

Lake County Central Permit Facility, 500 W. Winchester Rd., 2nd FL, Libertyville

Green Infrastructure and Green Jobs

Many existing workforce development and employment programs are expanding to incorporate installation and maintenance of green infrastructure practices, particularly in Cities that are ramping up deployment of green infrastructure practices. While this is a natural fit, programs must be tailored carefully to include not only technical training, but other workforce skills and support. In some cases, green infrastructure trainees are acquiring certifications to enhance their chances for employment in the field. This webcast will feature several programs around the country, and will highlight best practices for these types of programs, as well as critical lessons learned.

June 17, 2015 12 noon - 2 p.m.

Lake County Central Permit Facility, 500 W. Winchester Rd., 2nd FL, Libertyville

Multi-Sector and Industrial Permits

Many localities are focused on MS4 permits, which include a pollution prevention and good housekeeping minimum measure. However, another important facet of NPDES and state permitting is stormwater permits for industrial and multi-sector facilities, including both public and private sites. Possible examples include public works yards, concrete batch plants, power plants, asphalt paving, mining, gas extraction, landfills, recycling facilities, transportation facilities, and wastewater plants, among other categories. The permitting of these facilities can be complicated, and perhaps confusing for MS4s that must also comply with minimum measure #6. This webcast will feature insights on the permitting process, tools available for facility inventories and inspections, and BMPs applicable to these types of site.



About the Webcasts

They're free, and focus on current stormwater management topics and provide guidance to help you meet NPDES Phase II requirements. Webcasts feature local and regional case studies and review important lessons learned.

Note: *In order to participate, you must attend the webcast in person.*

(1)CEC/(2)PDH for each webcast. *Attendees will receive a certificate of completion at the end of each webcast.*

Please **RSVP** to Darcy Hertel, dhertel@lakecountyil.gov or (847) 377-7707.

Questions? Contact Susan Vancil, svancil@lakecountyil.gov or (847) 377-7714.



September 16, 2015 12 noon - 2 p.m.

Lake County Central Permit Facility, 500 W. Winchester Rd., 2nd FL, Libertyville

What To Do About Trashy Watersheds

The most publicly-visible pollutant in urban watersheds is trash and “gross solids.” This can be a significant impairment, and one that is hard to control. Learn from places that have been managing trash as part of local or regional TMDLs and some of the approaches that have been tried. Of course, this webcast will feature a lot of trash-talking.

November 18, 2015 12 noon - 2 p.m.

Lake County Central Permit Facility, 500 W. Winchester Rd., 2nd FL, Libertyville

Checking In On Post-Construction Stormwater Management

For many MS4s, the post-construction minimum measure is the most complicated, and the one that requires the highest level of local program development. Post-construction stormwater management involves development of stormwater standards, plan review, inspections, and verification of long-term maintenance. This program is also becoming more prominent as state MS4 permits are revised and reauthorized. This webcast will explore innovations and trends in post-construction stormwater management, with MS4 case studies featuring program components and budgets.



Center for Watershed Protection

www.cwp.org/webcasts